

**PATENT APPLICATION**  
**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Docket No: 29936/39457

**PATENT APPLICATION TRANSMITTAL UNDER 37 C.F.R. 1.53**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

038005 U.S. PTO  
10/616198  
07/09/03

Sir:

Transmitted herewith for filing is the patent application of

Inventor(s):        Hyung Jun KIM

Title:                Method of Detecting a Polishing End Point in a Chemical Mechanical Polishing Process

**1.        Type of Application**

- ☒        This is a new application for a  
  
☒        utility patent.

**2.        Application Papers Enclosed**

- 1        Title Page  
9        Pages of Specification (excluding Claims, Abstract, Sequence Listing & Drawings)  
1        Pages of Claims  
1        Page of Abstract  
2        Sheet of Drawings (Figs. 1 to 3)  
  
☒        Formal

**CERTIFICATION UNDER 37 CFR 1.10**

I hereby certify that this Patent Application Transmittal and the documents referred to as enclosed therewith are being deposited with the United States Postal Service on **July 9, 2003**, in an envelope addressed to the Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 utilizing the "Express Mail Post Office to Addressee" service of the United States Postal Service under Mailing Label No. EV 323 776 816 US.

  
Richard Zimmermann

3. Declaration or Oath

- ☒ Enclosed
- ☒ Executed by (check all applicable boxes)
- ☒ Inventor(s)

4. Additional Papers Enclosed

- ☒ Return receipt postcard
- ☒ Associate Power of Attorney
- ☒ Assignment Recordal

5. Priority Applications Under 35 USC 119

Certified copy of an application from which priority under 35 USC 119 is claimed is listed below and

- ☒ is attached.

COUNTRY	APPLICATION NO.	FILED
Republic of Korea	2002-40465	July 11, 2002

6. Filing Fee Calculation (37 CFR 1.16)

A. ☒ Utility Application

CLAIMS AS FILED - INCLUDING PRELIMINARY AMENDMENT(S) (IF ANY)						
			SMALL ENTITY		OTHER THAN A SMALL ENTITY	
	NO. FILED	NO. EXTRA	RATE	FEE	RATE	FEE
BASIC FEE				\$375.00		\$750.00
TOTAL	1 - 20	= 0	X 9 =	\$	X 18 =	\$--
INDEP.	1 - 3	= 0	X 42 =	\$	X 84 =	\$--
First Presentation of Multiple Dependent Claim			+ 140 =	\$	+ 280 =	\$--
Filing Fee:				\$	OR	\$750.00

B. Recording Assignment [Fee — \$40.00 per assignment]

\$40.00

Total Fees Enclosed \$790.00

7. **Method of Payment of Fees**

☒ Enclosed checks in the amounts of: \$750.00 and \$40.00

8. **Deposit Account and Refund Authorization**

The Commissioner is hereby authorized to charge any deficiency in the amount enclosed or any additional fees which may be required during the pendency of this application under 37 CFR 1.16 or 37 CFR 1.17 or under other applicable rules (except payment of issue fees), to Deposit Account No. 13-2855. A copy of this Transmittal is enclosed.

Please refund any overpayment to Marshall, Gerstein & Borun at the address below.

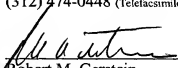
9. **Correspondence Address**

Customer No.: 04743

Respectfully submitted,

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By:

  
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July 9, 2003